

FIG. 1

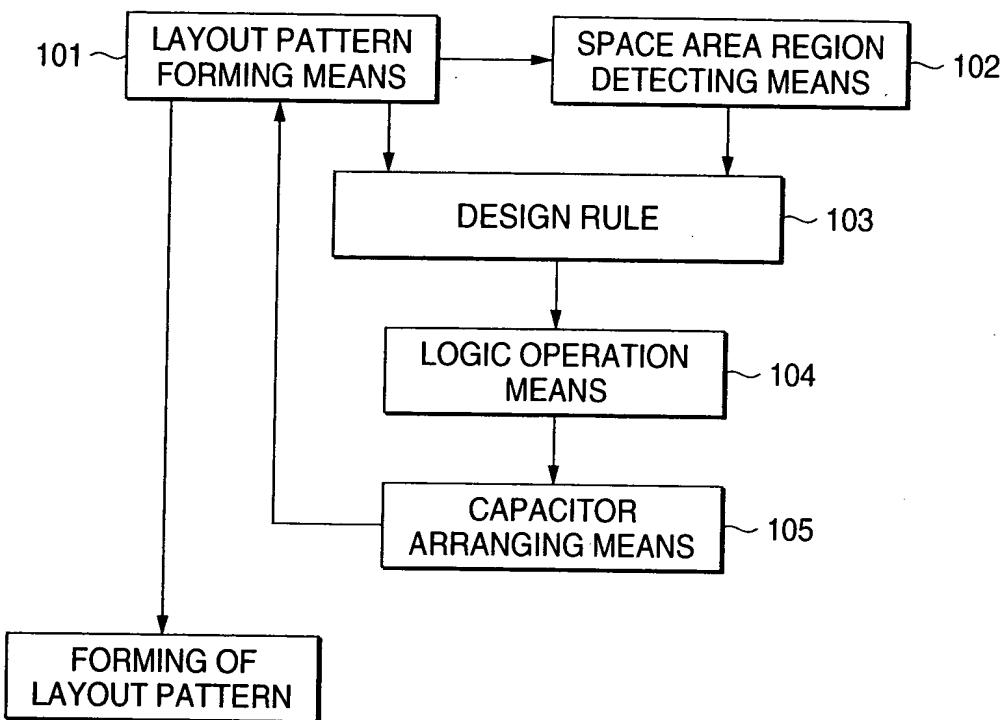


FIG. 2

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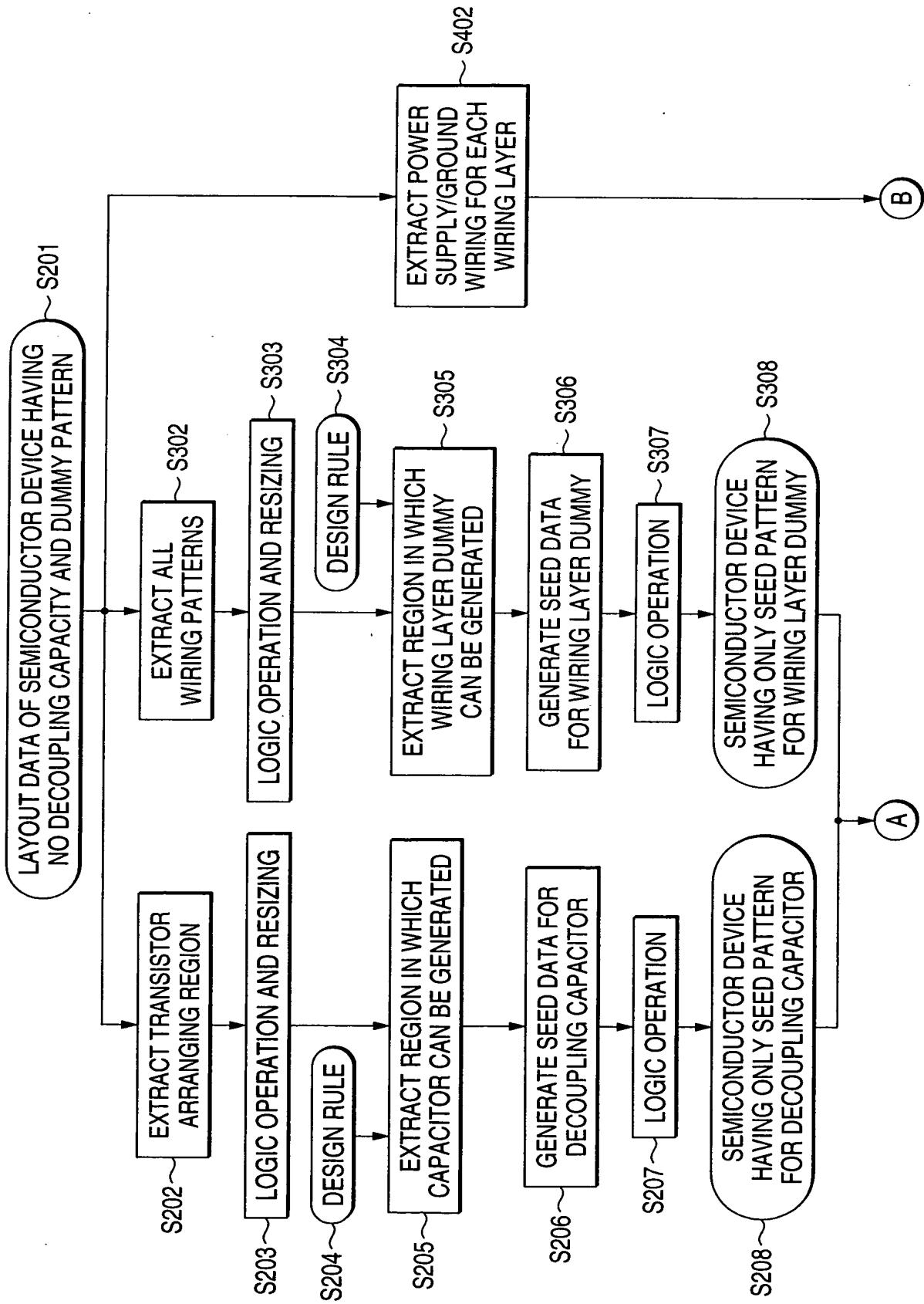


FIG. 3

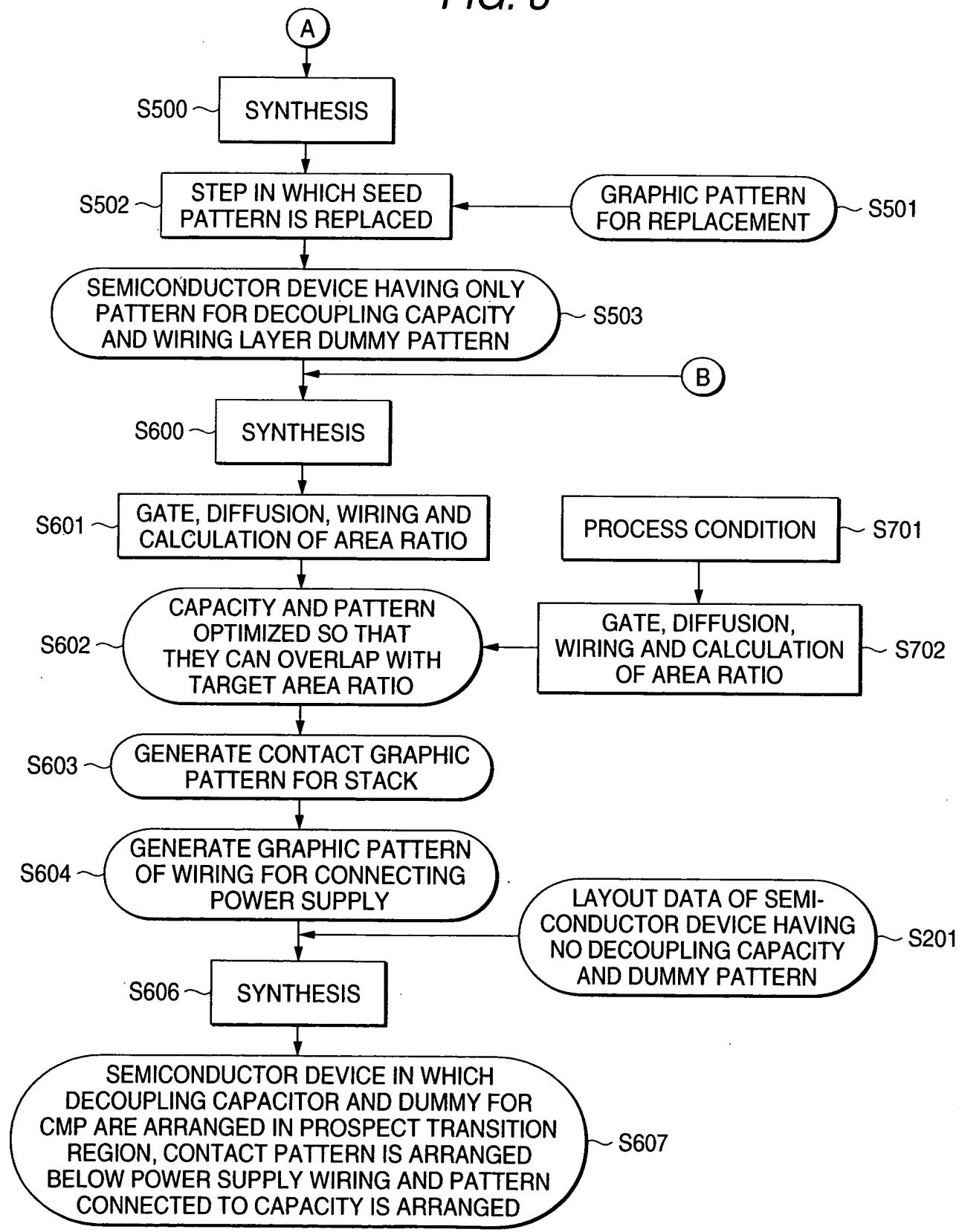


FIG. 4

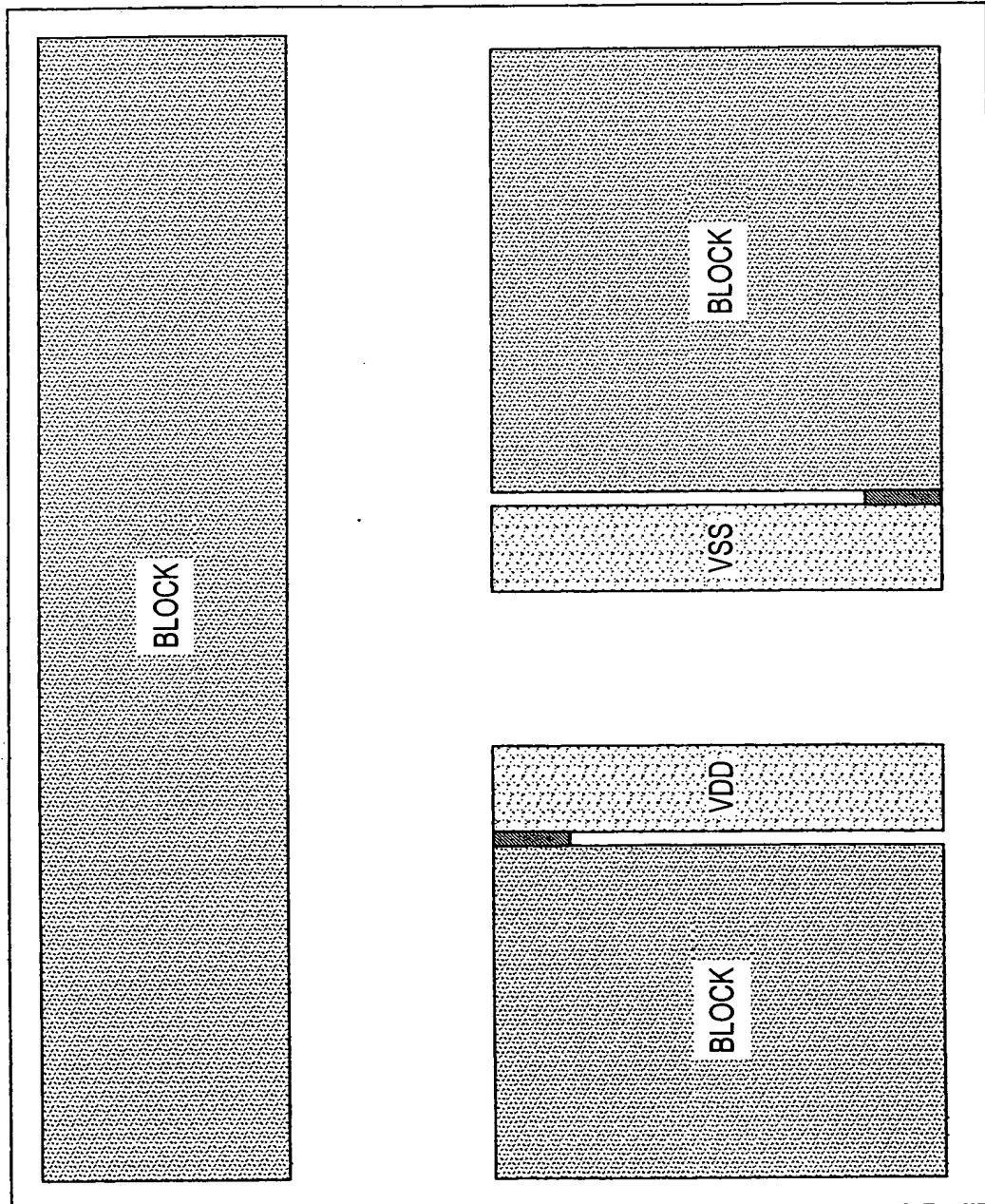


FIG. 5

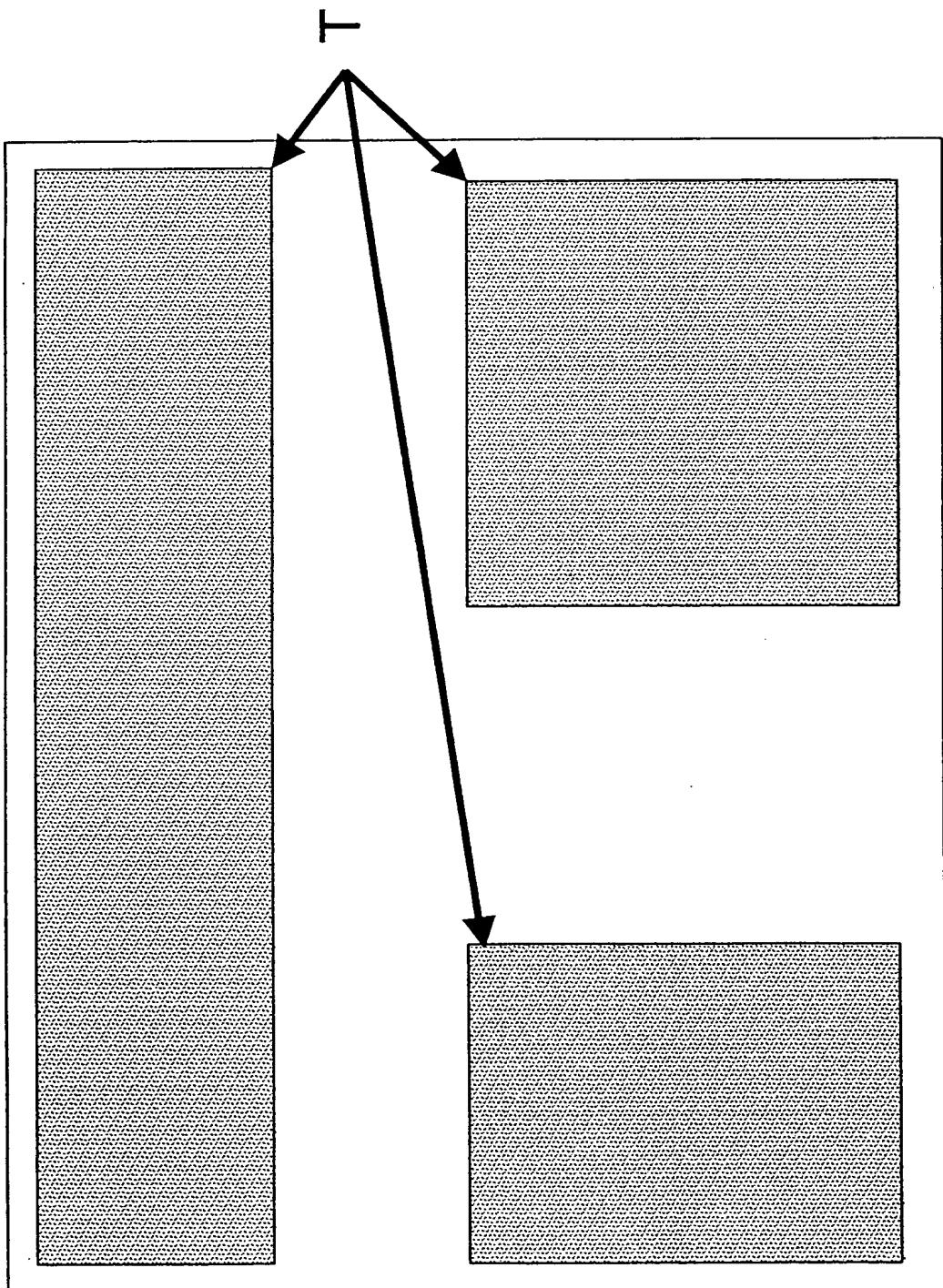


FIG. 6

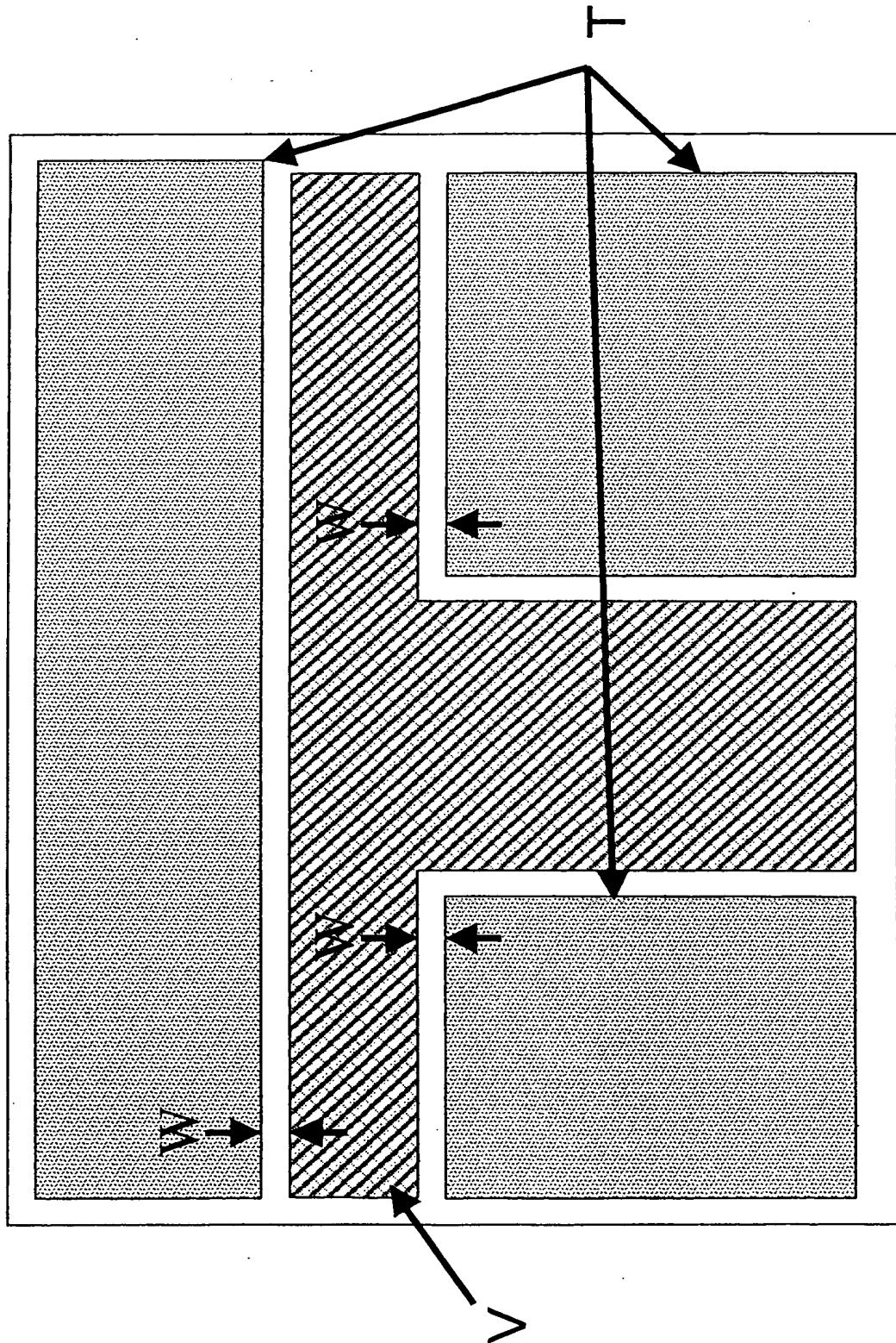


FIG. 7

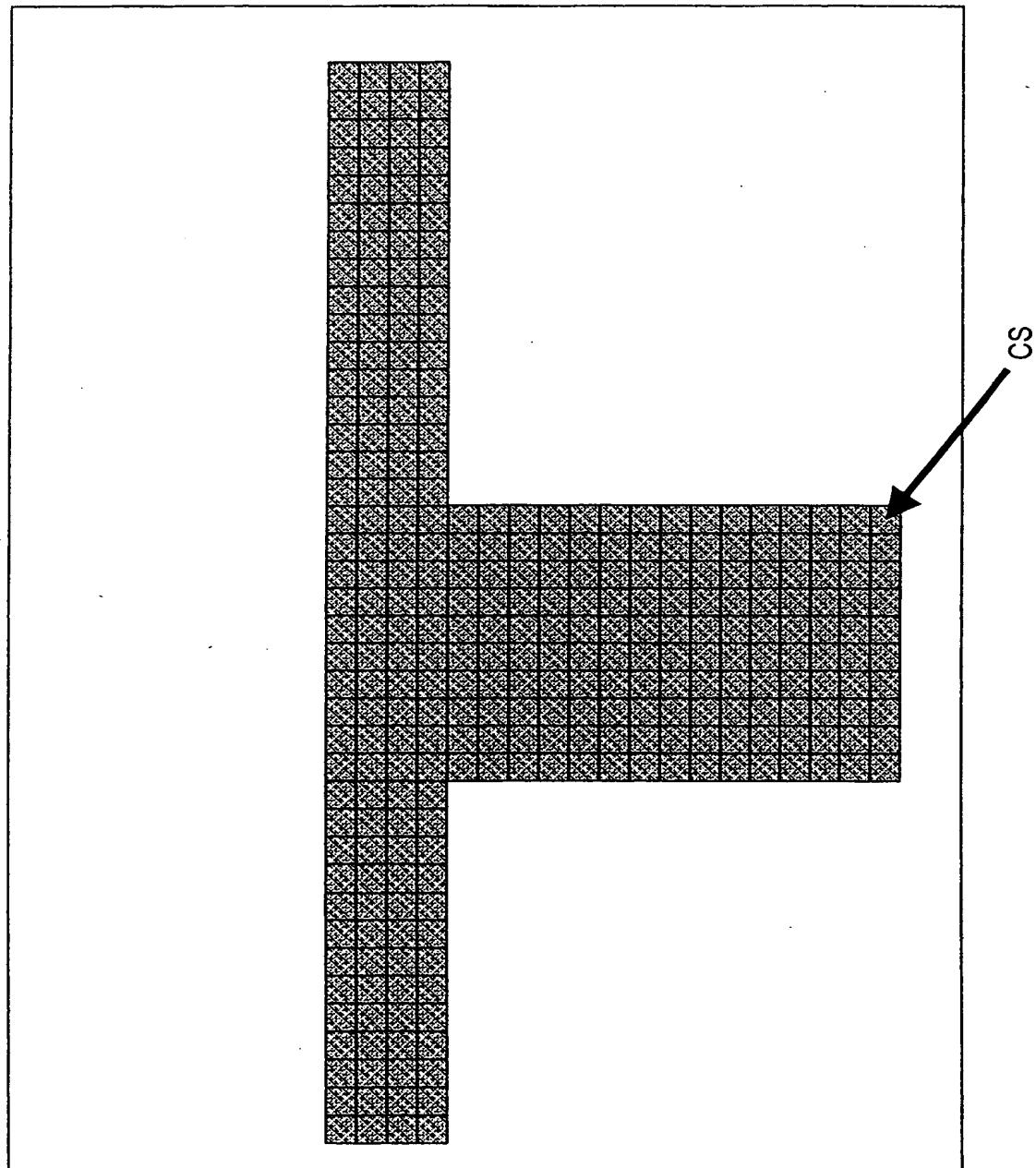


FIG. 8

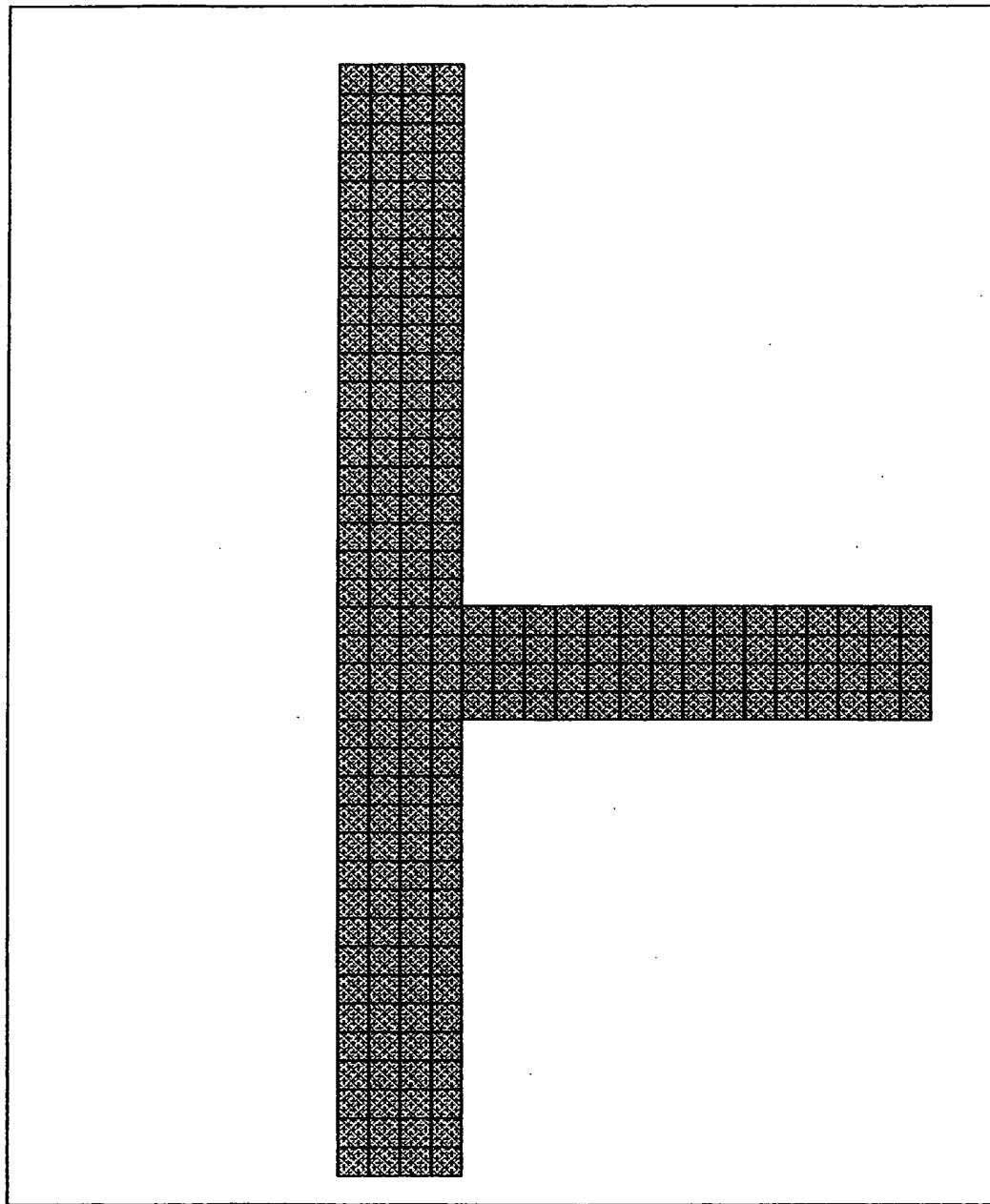


FIG. 9

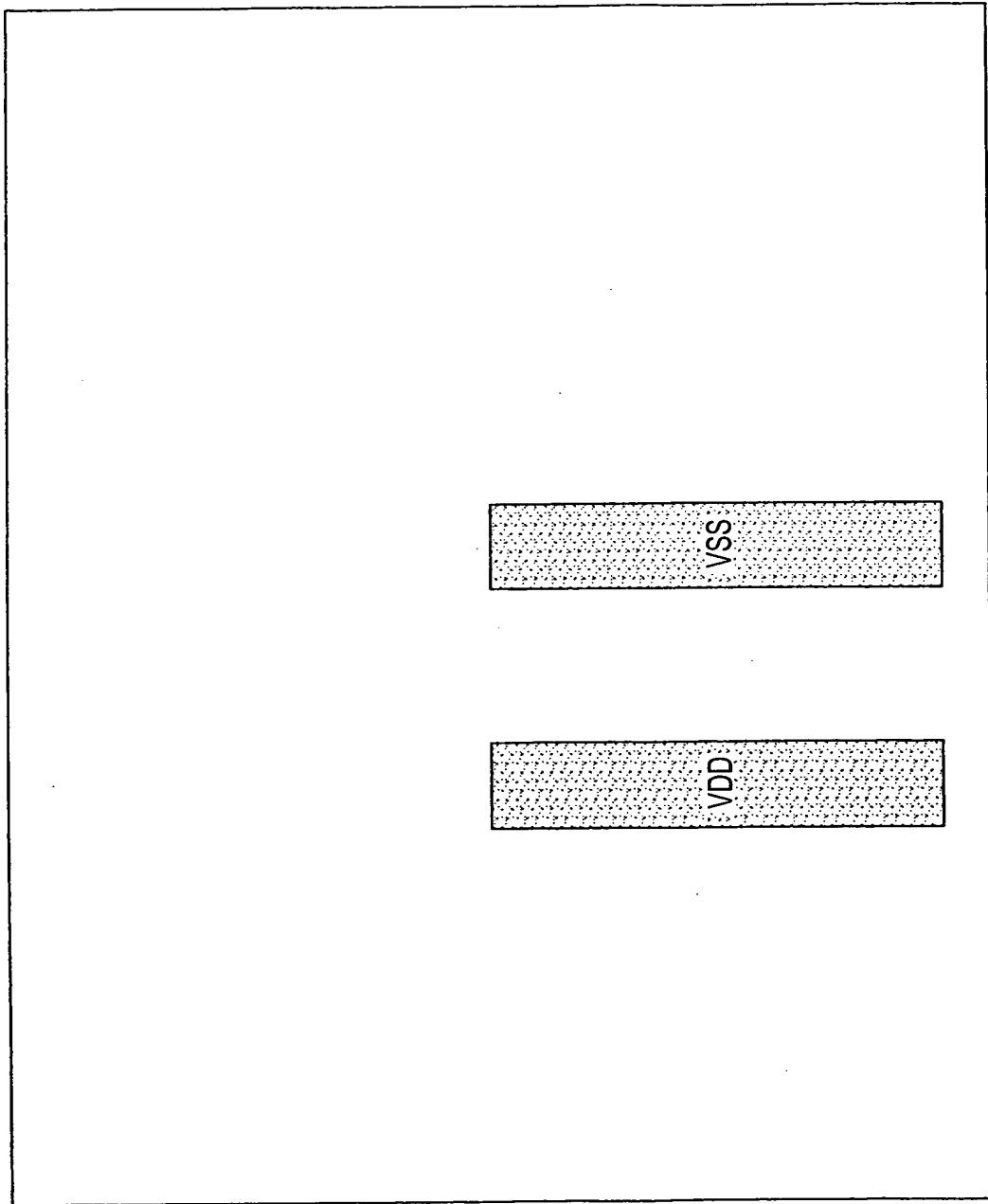


FIG. 10

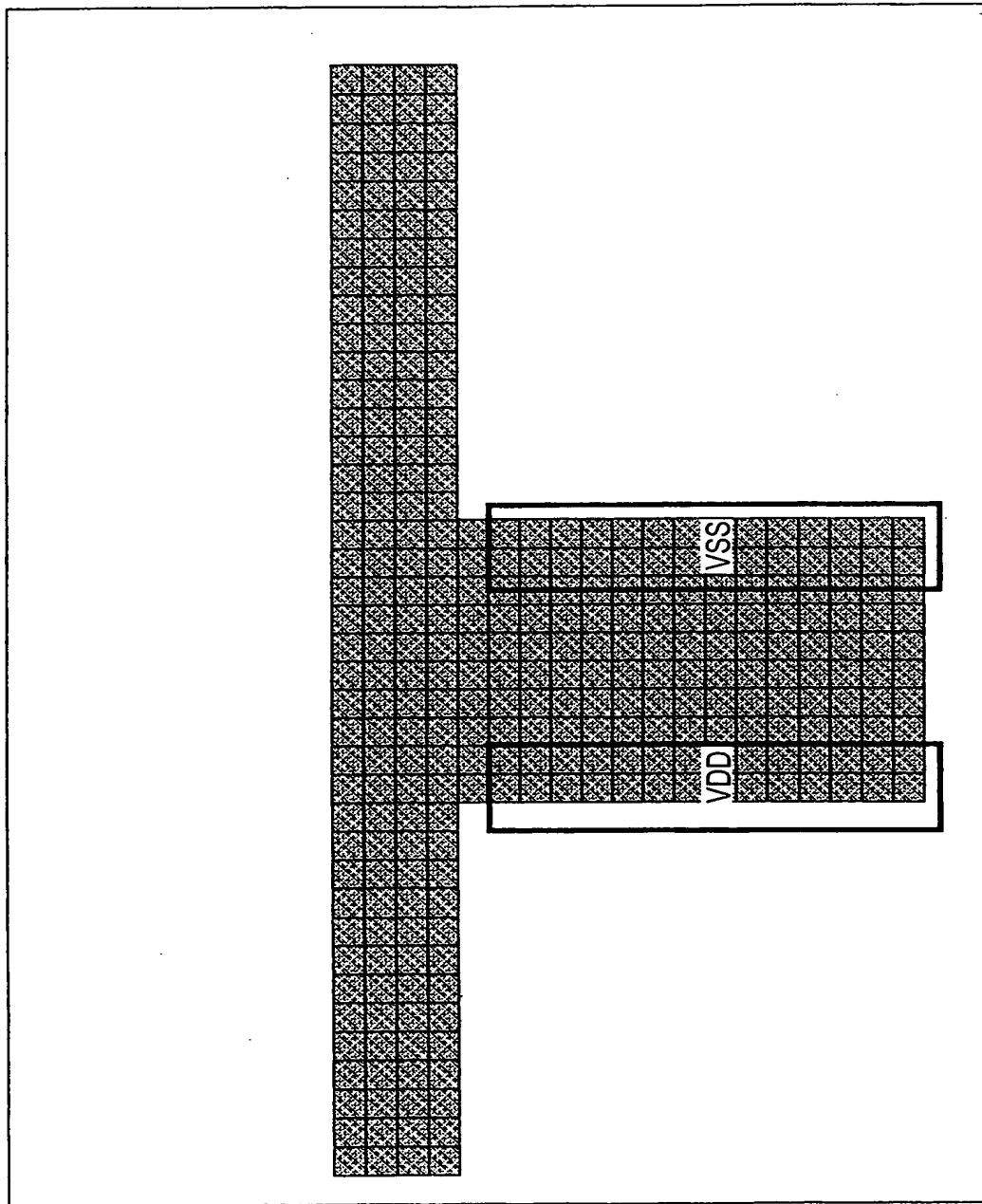


FIG. 11 (a)

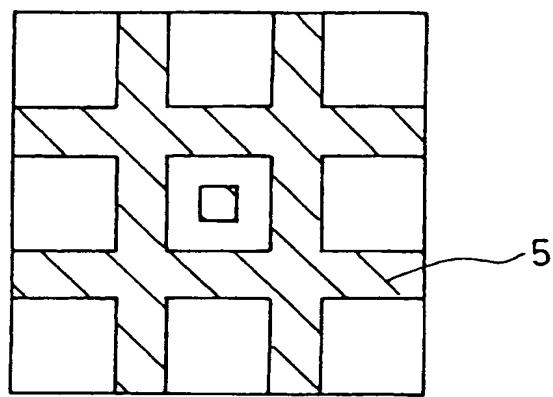


FIG. 11 (b)

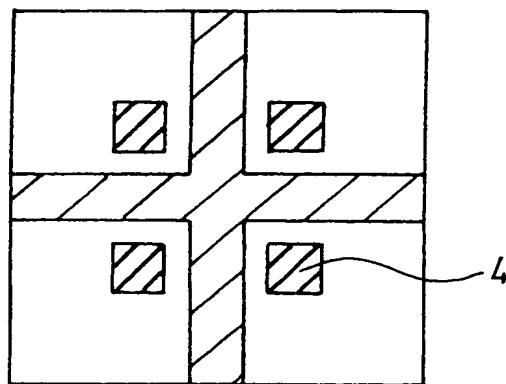


FIG. 11 (c)

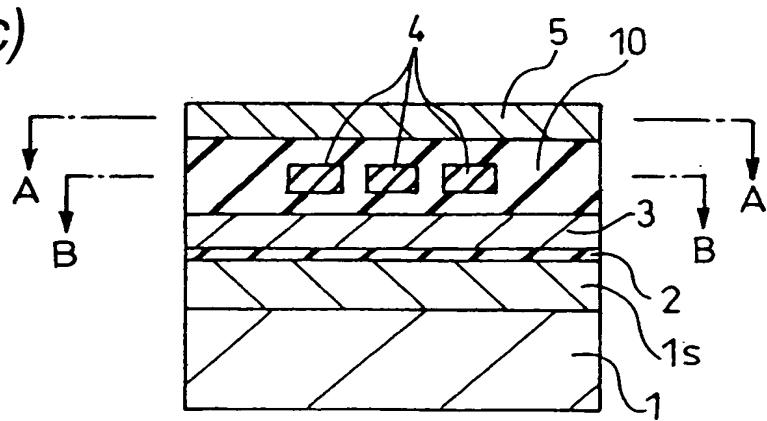


FIG. 12 (a)

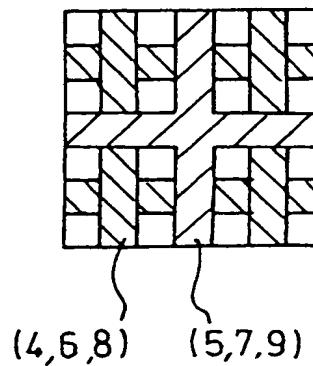


FIG. 12 (b)

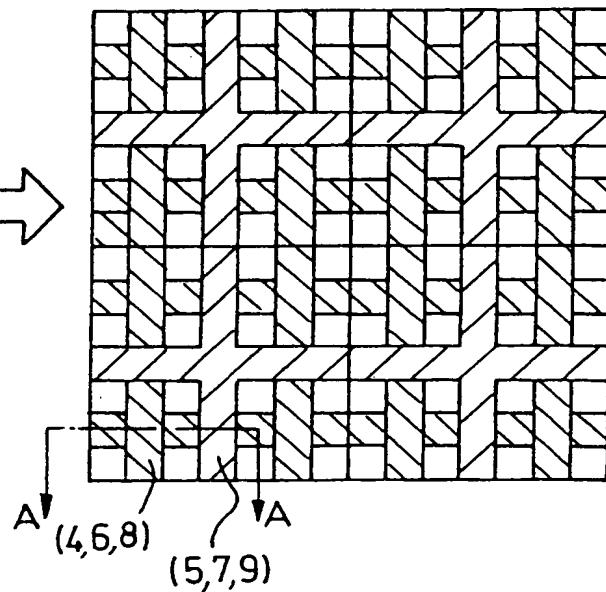


FIG. 12 (c)

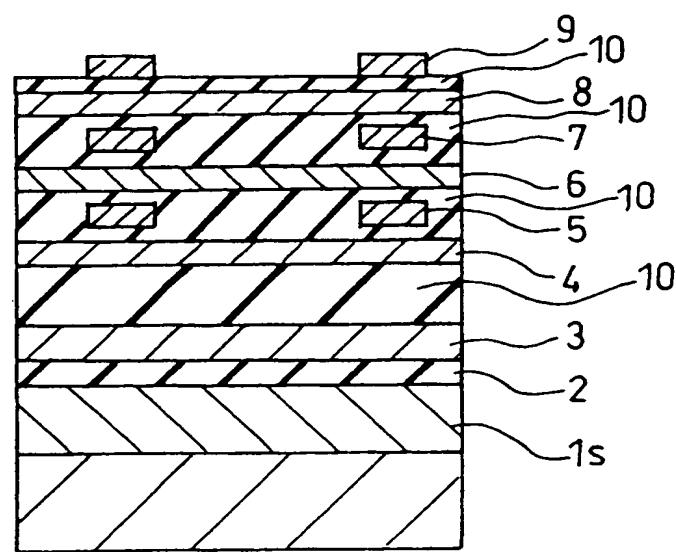


FIG. 13

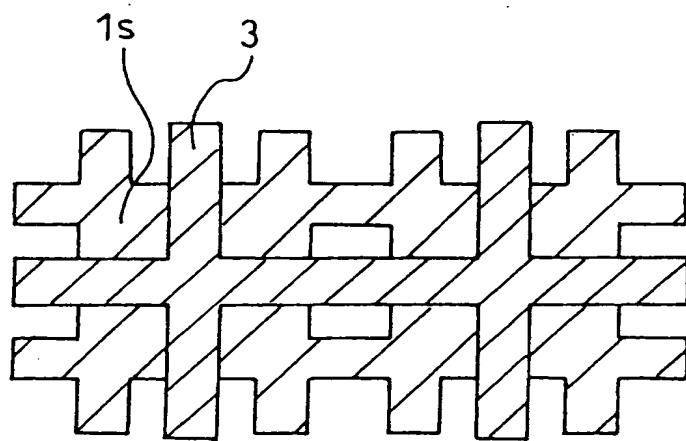


FIG. 14

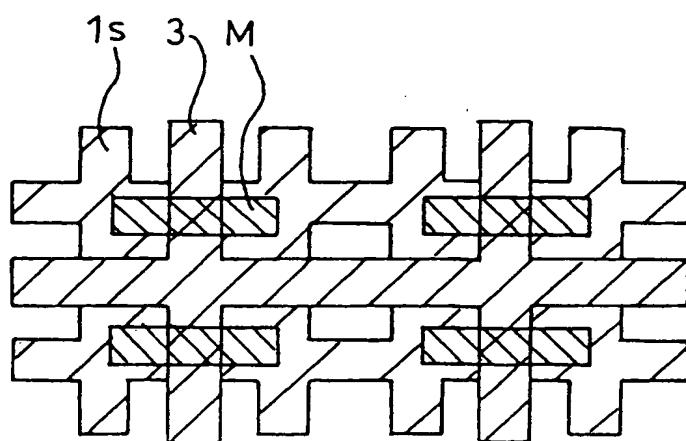


FIG. 15

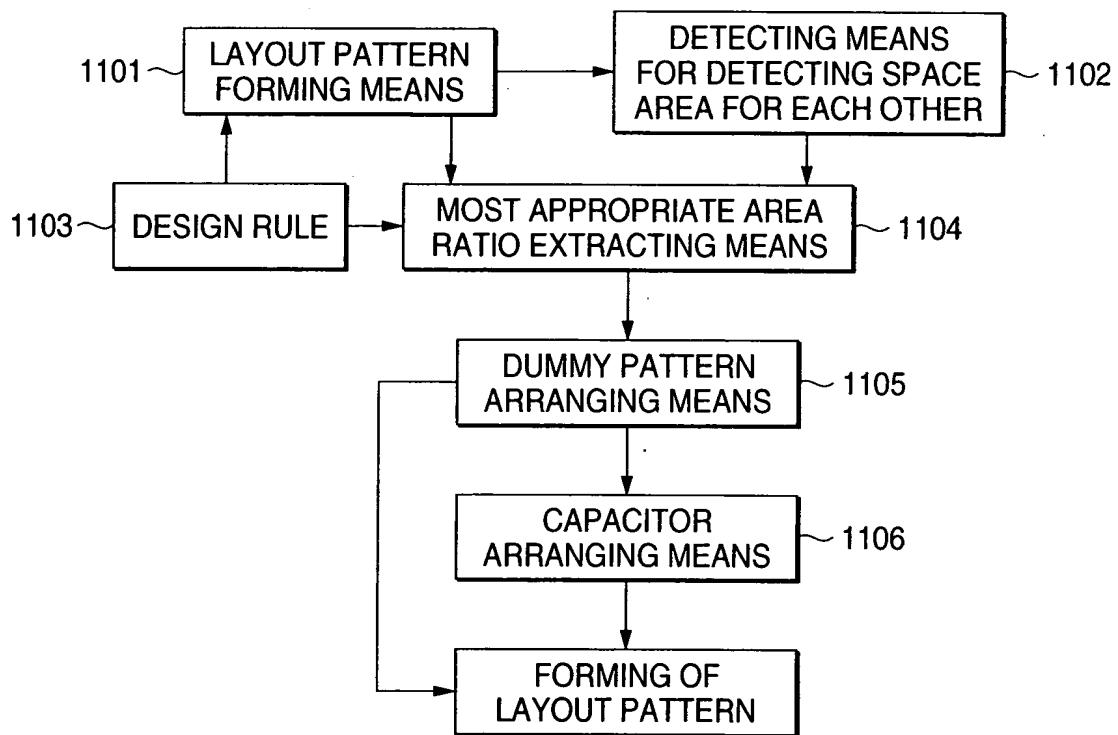


FIG. 16

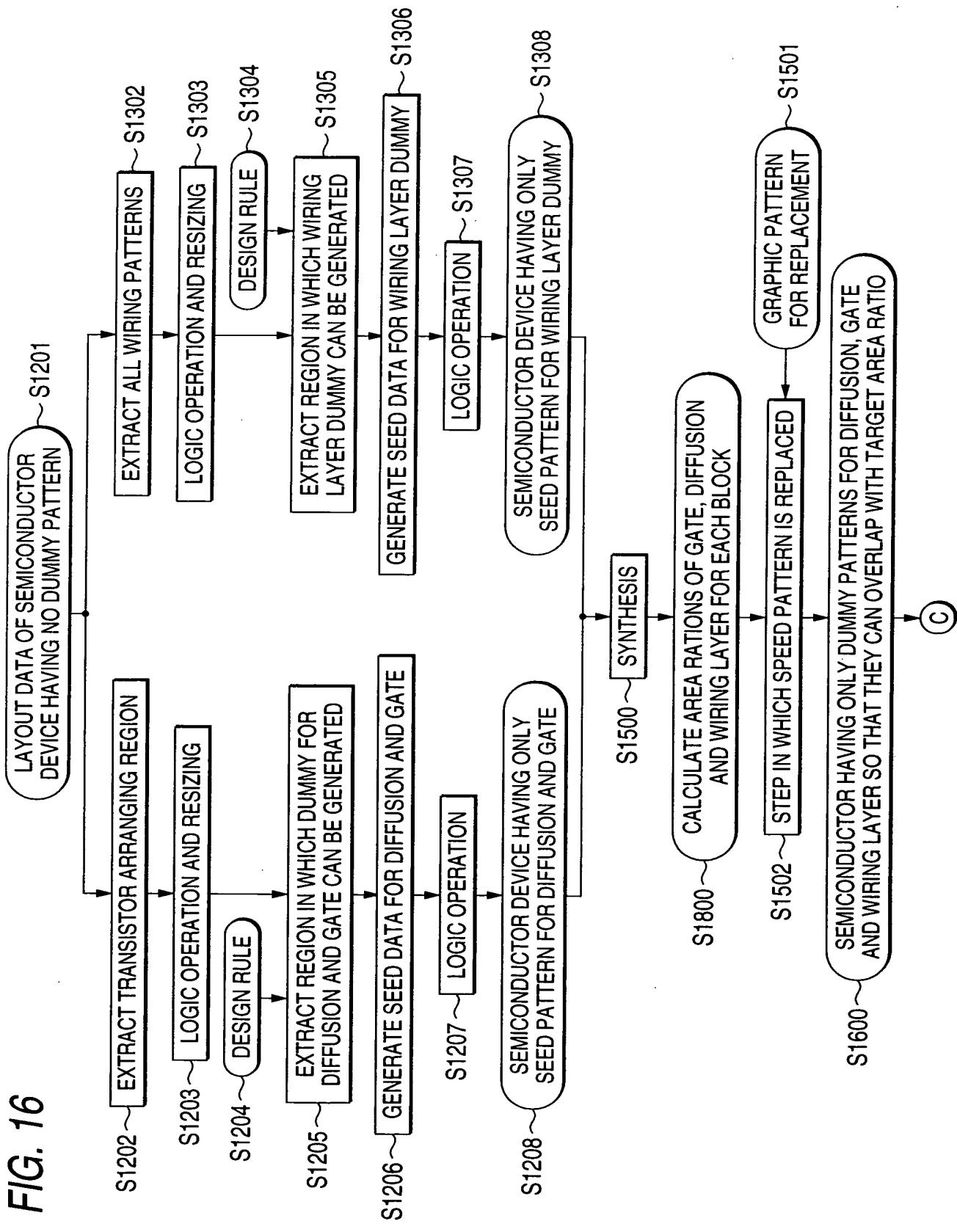


FIG. 17

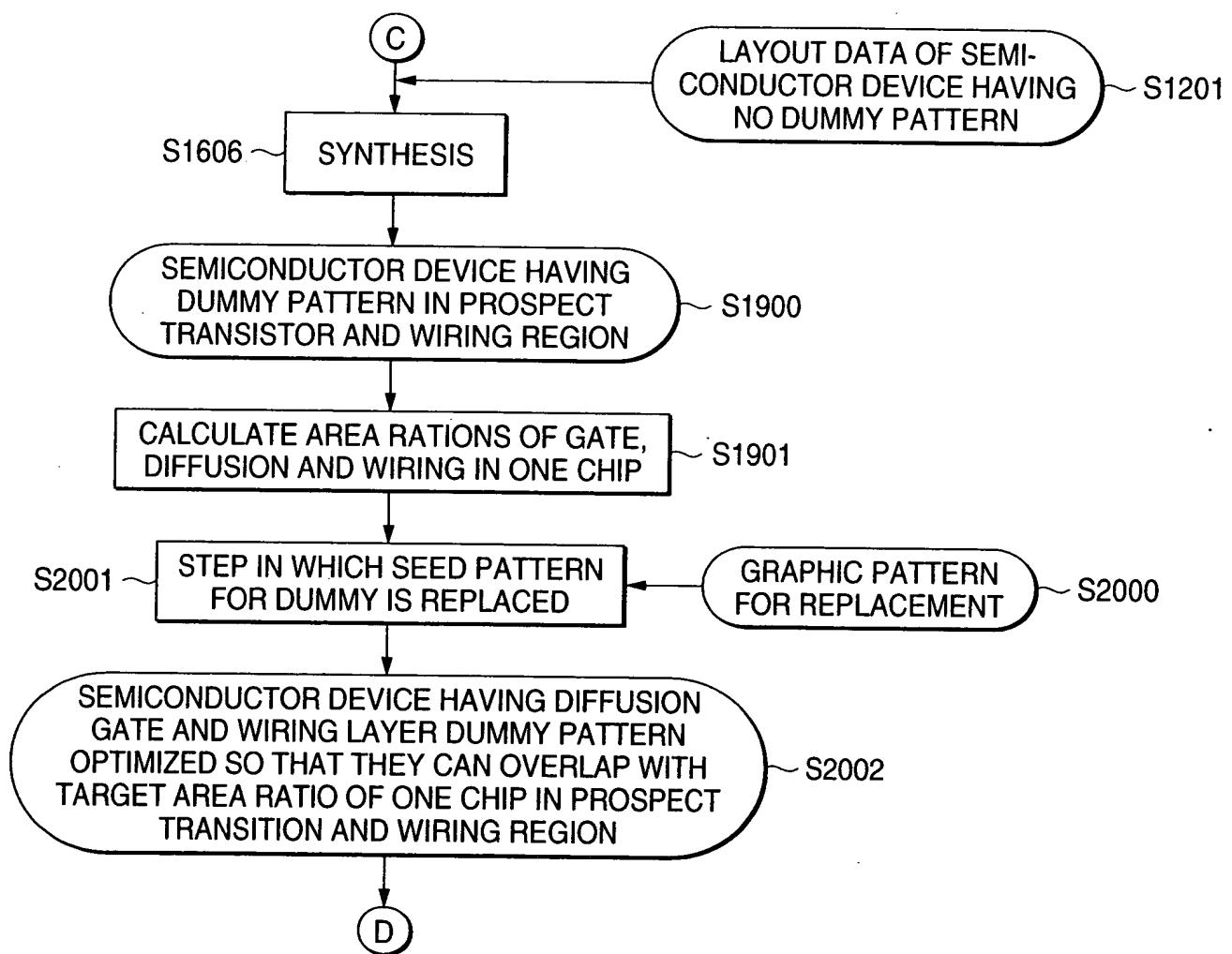


FIG. 18

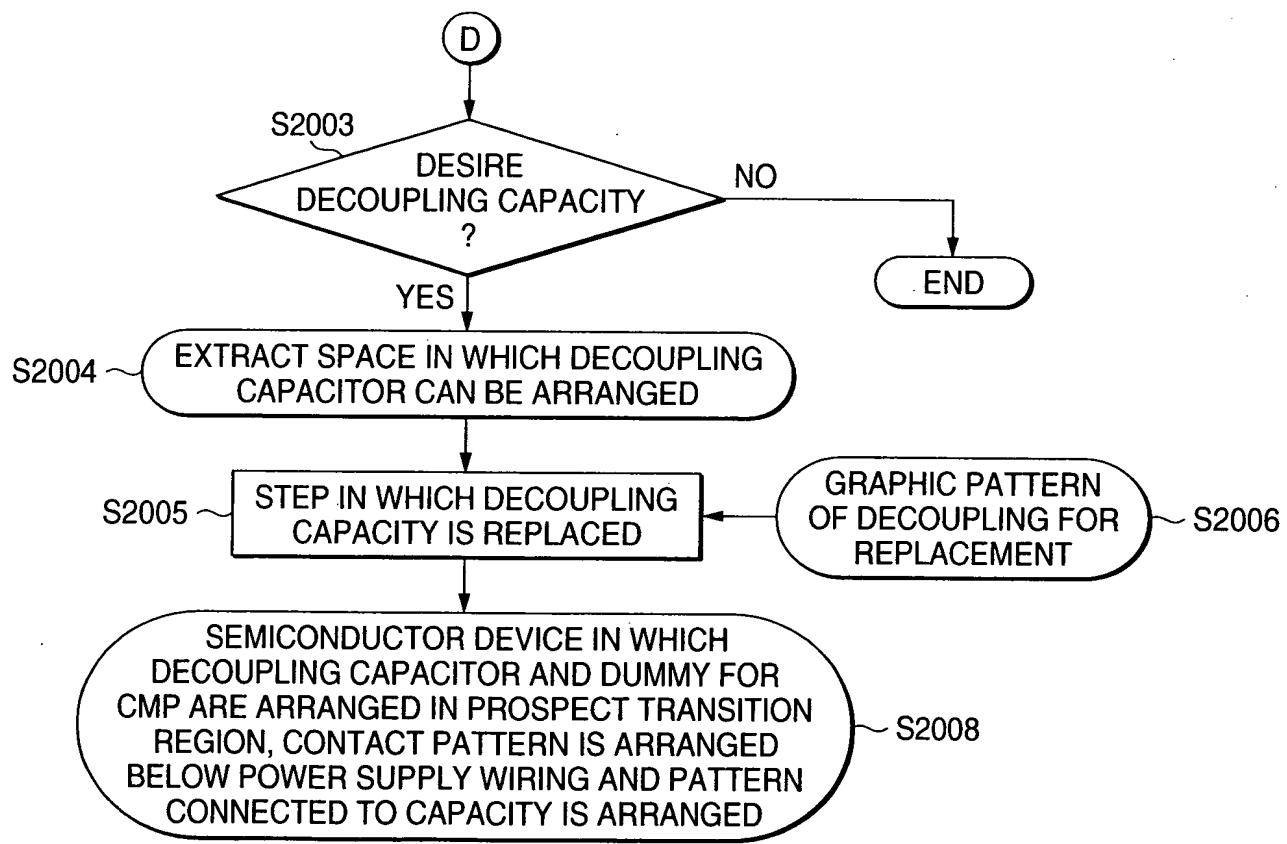


FIG. 19

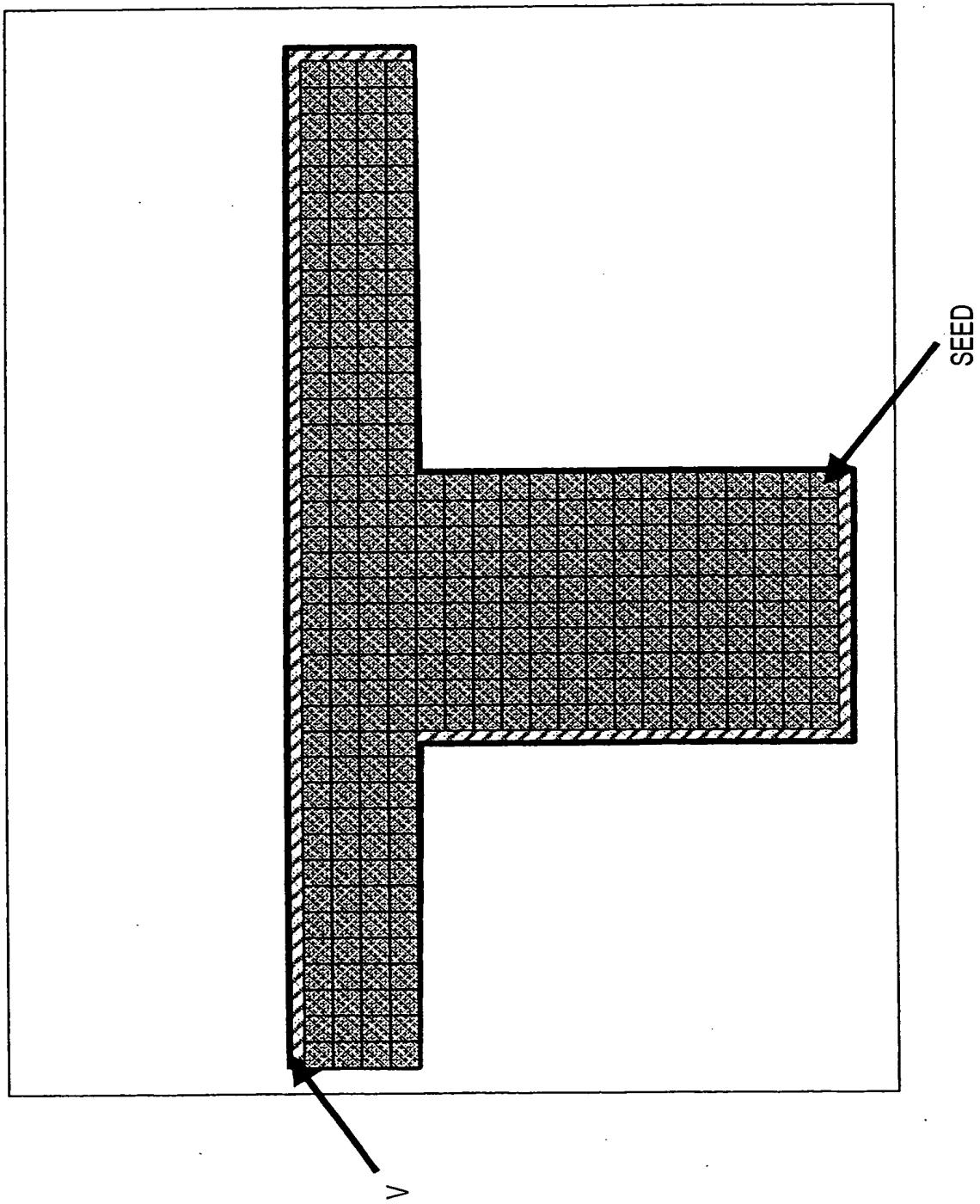
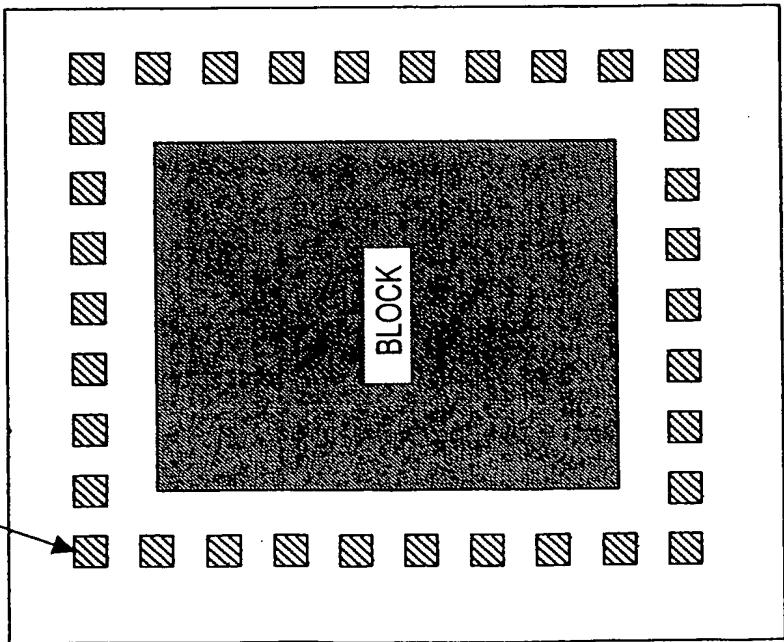


FIG. 20 (a)

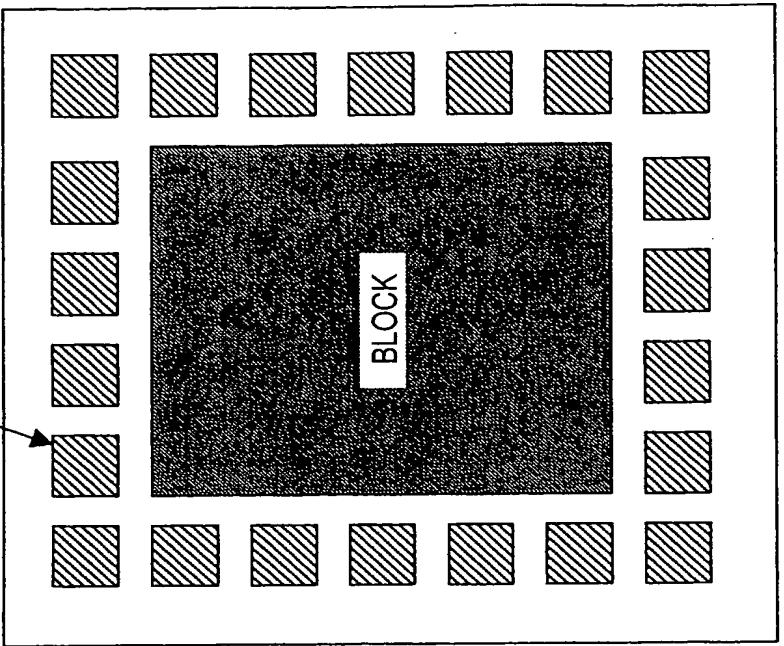
DUMMY PATTERN D1  
IN THE CASE WHERE AREA RATIO IS  
TOO LOW, DUMMY CELL IS REPLACED  
WITH ONE OF HIGH DENSITY



AREA RATIO IS TOO LOW

FIG. 20 (b)

DUMMY PATTERN D2  
IN THE CASE WHERE AREA RATIO IS  
TOO LOW, DUMMY CELL IS REPLACED  
WITH ONE OF HIGH DENSITY



MOST APPROPRIATE AREA RATIO